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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/033,520	10/18/2001	Killian D. Murphy	CTV-006	8686

22888 7590 07/02/2004

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EXAMINER

TRAN, MYLINH T

ART UNIT	PAPER NUMBER
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2174

DATE MAILED: 07/02/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/033,520

Applicant(s)

MURPHY, KILLIAN D.

Examiner

Mylinh T Tran

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Amendment filed 10/13/01.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-21 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-21 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

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DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Chui et al. [US. 6,407,747] in view of Soohoo [US. 5,754,348].

As to claims 1, 14 and 18, Chui et al. discloses identifying a selected region of a first image adjacent to a cursor in the GUI (column 3, line 52 through column 4, line 30); forming a magnified image including an enlarged version of the first image (background image) located in the selected region (column 5, lines 25-50). The differences between Chui et al. and the claim are superimposing the magnified image over the first image such that the magnified image masks the selected region and superimposing the cursor over the magnified image to form a second image. Soohoo shows the features at column 1, line 55 through column 2, line 20 and column 3, lines 1-27. It would have been obvious to one of ordinary skill in the art, having the teachings of Chui et al. and Soohoo before them at the time the invention was made to modify the magnified image in the selected region as taught by Chui et al. to include the step of superimposing the magnified image over the background image of Soohoo, with the motivation being to display the desired portion of the image in a better view by superimposing the cursor over the magnified format as taught by Soohoo.

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As to claims 2 and 19, Soohoo also discloses the magnified image has a width equal to a width of the GUI, thereby enhancing the readability of the text in the first image (figures 5-6, column 3, lines 1-27).

As to claims 3 and 20, Chui et al. shows a location identified by the cursor relative to the magnified image being co-located with a location identified by the cursor relative to the first image (column 4, lines 33-60).

As to claims 4 and 21, Chui et al. also shows a user visually interacting with a magnified interface element at the location identified by the cursor relative to the magnified image actually interacting with an interface element at the location identified by the cursor relative to the first image (column 11, lines 12-32).

As to claim 5, Chui et al. teaches determining Cartesian coordinate data identifying a location of the cursor (figure 6H), calculating upper and left boundaries of the selected region based on the Cartesian coordinate data (column 6, lines 56-67 and column 7, lines 35-47).

As to claim 6, Chui et al. also teaches multiplying a distance from the cursor to a left boundary of the magnified image by a width of the selected region to form a first factor (column 8, lines 25-55); dividing the first factor by a width of the magnified image to form a second factor; and subtracting the second factor from an X Cartesian coordinate of the cursor (column 4, lines 52-67).

As to claim 7, Chui et al. provides multiplying a distance from the cursor to a upper boundary of the magnified image by a height of the selected region to form a third factor (column 7, lines 35-47 and column 8, lines 30-65); dividing the third factor by a height of the magnified image to form a fourth factor; and subtracting the fourth factor from a Y Cartesian coordinate of the cursor (column 4, lines 52-67).

As to claims 8, 12 and 16, Soohoo also provides the second image being displayed within a television safe area on a display screen (column 1, lines 21-42).

As to claim 9, Chui et al. demonstrates alpha blending the first image with the magnified image, such that the first image shows through the magnified image (column 7, lines 20-46).

As to claim 10, the claim is analyzed as previously discussed with respect to claim 1, Chui also shows determining Cartesian coordinate data identifying a first point on the first image located under the cursor (column 6, lines 56-67 and column 7, lines 35-47).

As to claims 11 and 15, Soohoo discloses the magnified image being superimposed over the first image such that a first edge of the magnified image extends to a first edge of the first image and a second edge of the magnified image extends to a second edge of the first image (figures 5-6, column 3, lines 1-25 and lines 40-62).

As to claim 13, Chui et al. teaches wherein a user visually interacting with a magnified interface element at the second point actually interacts with an interface element at first point (column 11, lines 12-32).

As to claim 17, Chui et al. also teaches a user visually interacting with a magnified interface element at the second selected point actually interacts with an interface element at first selected point (column 11, lines 12-35).

Conclusion

Responses to this action should be mailed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231. If applicant desires fax a response, (703) 746-7238), may be used for formal After Final communications, (703) 746-7239 for

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Official communications, or (703) 746-7240 for Non-Official or draft communications.

NOTE, A Request for Continuation (Rule 60 or 62) cannot be faxed.

Please label "PROPOSED" or "DRAFT" for information facsimile communications. For after final responses, please label "AFTER FINAL" or "EXPEDITED PROCEDURE" on the document.

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Fourth Floor (Receptionist).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mylinh Tran whose telephone number is (703) 308-1304. The examiner can normally be reached on Monday-Thursday from 8.00AM to 6.30PM

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kristine Kincaid, can be reached on (703) 308-0640,

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-3800.

Kristine Kincaid
KRISTINE KINCAID
SUPERVISOR PATENT EXAMINER
TECHNOLOGY CENTER 2100

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